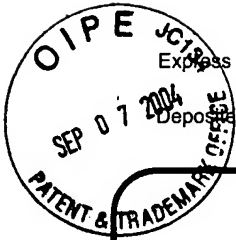


09-08-04

1FW



Express Mail No. EV 373444808 US

Deposited on: September 7, 2004

 PTO/SB/21 (08-00)  
 Approved for use through 10/31/2002. OMB 0651-0031  
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/808,648	
	<b>Filing Date</b>	03/25/2004	
	<b>First Named Inventor</b>	Jody A. Swenson, et al.	
	<b>Group Art Unit</b>	Unknown	
	<b>Examiner Name</b>	Unknown	
<b>Total Number of Pages in This Submission</b>	12	<b>Attorney Docket Number</b>	5837.041

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): See remarks below:
Remarks 1. Information Disclosure Statement (6 pages); 2. Substitute for Form 1449/PTO (5 page); 3. Fee Transmittal (1 page); 4. Transmittal Form (1 page); and 5. Postcard.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 P. O. Box 16370, Oklahoma City, Oklahoma 73113, Marc A. Brockhaus
Signature	<i>Marc Brockhaus</i>
Date	9-7-2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EV 373444808 US in an envelope addressed to the address below on this date: September 7, 2004			
Typed or printed name	Marc A. Brockhaus, Reg. No. 40,923		
Signature	<i>Marc Brockhaus</i>	Date	9-7-2004

 SEND TO: Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Express Mail No.: EV 373444808 US  
Date Deposited: 09/07/2004

PTO/SB/17 (10-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0

## Complete if Known

Application Number	10/808.648
Filing Date	03/25/2004
First Named Inventor	Unknown
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	5837.041

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	X	\$0
Multiple Dependent	** =	X	\$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Marc A. Brockhaus	Registration No. (Attorney/Agent)	40,923	Telephone	(405) 607-8600
Signature	Marc Brockhaus	Date	09/07/2004		

Mail Stop IDS  
Commissioner for Patents  
PO Box 1450, Alexandria, VA 22313-1450



**EXPRESS MAIL NO.: EV 373444808 US**  
**Deposited On: September 7, 2004**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Application No. : 10/808,648      Confirmation No.:**  
**Applicant(s) : Jody A. Swenson, et al.**  
**Filed : March 25, 2004**  
**TC/A.U. : Unknown**  
**Examiner : Unknown**  
**Title : ELECTRIC-FIELD METER HAVING**  
**CURRENT COMPENSATION**  
**Docket No. : 5837.041**  
**Customer No. : 30589**

**Mail Stop IDS**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Arlington, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

**List of Sections Forming Part of This  
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1.    ☒ Preliminary Statements
2.    ☒ Form PTO-1449 (Modified)
3.    ☐ Statement as to Information Not Found in Patents or Publications
4.    ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5.    ☐ Cumulative Patents or Publications

- 6.    ☐    Copies of Listed Information Items Accompanying this Statement
- 7.    ☐    Concise Explanation of Non-English Language Listed Information Items
  - 7A.   ☐    EPO Search Report
  - 7B.   ☐    English Language Version
- 8.    ☐    Translation(s) of Non-English Language Documents
- 9.    ☐    Concise Explanation of English Language Listed Information Items (Optional)
- 10.   ☒    Identification of Person(s) Making this Information Disclosure Statement

## **Section 1.        Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

## **Section 2.        Form PTO-1449 (Modified)**

☒    A Completed Form PTO-1449 (Modified) is attached hereto.

**Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Form PTO-1449(Modified))**

**Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted**

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/094,942, filed on March 14, 2002.

*(complete the following, if applicable)*

- [ ] This application also relies, under 35 U.S.C. 120, on the earlier filing date of prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ (date).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore, are not required to be provided in this application:

**Section 5. Cumulative Patents or Publications**

STATEMENT

\_\_\_\_\_ is cumulative of the following patents or publications listed on Form PTO-1449:

In accordance with 37 C.F.R. § 1.98(c), a copy of only \_\_\_\_ is being submitted with this Information Disclosure Statement.

**Section 6. Copies of Listed Information Items Accompanying this Statement**

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

- [ ] Exception(s) to above:

- ☐ Items in prior application from which an earlier filing date is claimed for this application, as identified in Section 4.
- ☐ Cumulative patents or publications identified in Section 5.

## **Section 7. Concise Explanation of Non-English Language Listed Information Items**

### **Section 7A. Concise Explanation of Non-English Language Listed Information Items - EPO Search Report**

The relevance with respect to the following citations listed on Form PTO-1449:

is submitted on the basis of accompanying:

*(check the appropriate item)*

- ☐ EPO search report that is in the English language,
- ☐ EPO search report that is not in the English language and that is accompanied also by an English language version of the EPO search report,

that issued on the corresponding European patent application.

### **Section 7B. Concise Explanation of Non-English Language Listed Information Items - English Language Version of EPO Search Report**

## **Section 8. Translation(s) of Non-English Language Documents**

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions

of those patents, publications or information considered to be material:

*(complete the following, if applicable)*

- ☐ No English language translations of the foreign language parents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

**Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)**

**Section 10. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT**

The person making this statement is the attorney who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).

[X] in the attorney's file

Respectfully submitted,

Marc Brockhaus

Marc A. Brockhaus, Reg. No. 40,923  
DUNLAP, CODDING & ROGERS, P.C.  
P.O. Box 16370  
Oklahoma City, Oklahoma 73113  
(405) 607-8600 - telephone  
(405) 607-8686 - telefax

Attorney for Applicants



Express Mail: EV 373444808 US  
Date Deposited: September 7, 2004



Page 1 of 5

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/808,648
Filing Date	03/25/2004
First Named Inventor	Jody A. Swenson
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	5837.041

U. S. PATENT DOCUMENTS						
EXAM INIT.	Cite No. 1	<u>U.S. PATENT NUMBER</u> Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	1919215		Gunn	07-25-1933	
	AB	2449068		Gunn	09-14-1948	
	AC	2587156		Havenhill et al.	02-26-1952	
	AD	2815483		Kaufman	12-03-1957	
	AE	2820947		Gunn	01-21-1958	
	AF	3121196		Kasemir	02-11-1964	
	AG	3188472		Whipple, Jr.	06-08-1965	
	AH	3273066		Ruhnke	09-13-1966	
	AI	3344344		Wales, Jr.	09-26-1967	
	AJ	3370225		Winder	02-20-1968	
	AK	3449668		Blackwell, et al.	06-10-1969	
	AL	3458805		Kasemir	07-29-1969	
	AM	3519927		Holt	07-07-1970	
	AN	3564529		Kaufman, et al.	02-16-1971	
	AO	3586973		Lawton, et al.	06-22-1971	
	AP	3611127		Vosteen	10-05-1971	
	AQ	3662250		Thomas, et al.	05-09-1972	
	AR	3727125		Mourier	04-10-1973	
	AS	3820095		Wojtasinski, et al.	06-25-1974	

## U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	<u>U.S. PATENT NUMBER</u> Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AT	3824454		Stern, et al.	07-16-1974	
	AU	3846700		Sasaki, et al.	11-05-1974	
	AV	3868074		Hill	02-25-1975	
	AW	3916605		Few, Jr.	10-26-1975	
	AX	3917996		Wagner, et al.	11-04-1975	
	AY	3919636		Few	11-11-1975	
	AZ	3921087		Vosteen	11-18-1975	
	BA	3925726		Few	12-09-1975	
	BB	3935532		Shuey, et al.	01-27-1976	
	BC	4054835		Los, et al.	10-18-1977	
	BD	4095221		Slocum, Jr.	06-13-1978	
	BE	4101825		Truax	07-18-1978	
	BF	4199715		Hill	04-22-1980	
	BG	4277745		Deno	07-07-1981	
	BH	4330749		Eda, et al.	05-18-1982	
	BI	4370616		Williams	01-25-1983	
	BJ	4422037		Coleman	12-20-1983	
	BK	4424481		Laroche, et al.	01-03-1984	
	BL	4433297		Buchheit	02-21-1984	
	BM	4506211		Coleman	03-19-1985	
	BN	4553099		Kasahara, et al.	11-12-1985	
	BO	4642559		Slough	02-10-1987	
	BP	4672305		Coleman	06-09-1987	
	BQ	4683436		Suzuki	07-28-1987	
	BR	4803421		Ostrander	02-07-1989	
	BS	4836581		Peterson, Jr.	06-13-1989	
	BT	5315232		Stewart	05-24-1994	

## FOREIGN PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office 3	Number 4	Kind Code <sup>5</sup> (if known)				
			None					

**U.S. and Foreign:** <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

EXAM INIT.	PATENT DOCUMENTS	
	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
	CA	WILSON, C.T.R.; On a Portable Gold-leaf Electrometer for Low or High Potentials; Cambridge Philosophical Society; January 31, 1906; pp. 184-189; Vol. XIII, Part IV; Cambridge University Press.
	CB	WILSON, C.T.R.; On the Measurement of the Earth-Air Current and on the Origin of Atmospheric Electricity; Cambridge Philosophical Society; November 5, 1906; pp. 363-382; Vol XIII, Part VI; Cambridge University Press.
	CC	SIMPSON, GEORGE C.; Earth-Air Electric Currents; The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science; May, 1910; pp. 715-725; Sixth Series.
	CD	WILSON, C.T.R.; On Some Determinations of the Sign and Magnitude of Electric Discharges in Lightning Flashes; Proceedings of the Royal Society; Mathematical and Physical Sciences; June 3, 1916; pp. 555-574; Ser. A, Vol. 92, No. A 644.
	CE	WILSON, C.T.R.; Investigations on Lightning Discharges and on the Electric Field of Thunderstorms; August 27, 1920; pp. 73-115; Philosophical Transactions of the Royal Society of London; Ser. A, Vol 221.
	CF	WHIPPLE, F.J.W.; On the Association of the Diurnal Variation of Electric Potential Gradient in Fine Weather with the Distribution of Thunderstorms Over the Globe; Quarterly Journal of the Royal Meteorological Society; January, 1929; pp. 1-15; Vol. 55, No. 229.
	CG	WHIPPLE, F.J.W.; Potential Gradient and Atmospheric Pollution: The Influence of "Summer Time"; August 6, 1929; pp. 351-362.
	CH	WILSON, C.T.R.; Some Thundercloud Problems; Journal of the Franklin Institute; July, 1929; pp. 1-12; Vol. 208, No. 1; Lancaster Press, Inc.
	CI	KIRKPATRICK, PAUL and MIYAKE, IWAO; A Generating Voltmeter for the Measurement of High Potentials; The Review of Scientific Instruments; January, 1932; pp. 1-8; Vol. 3, No. 1.
	CJ	KIRKPATRICK, PAUL; Further Development of the Rotary Voltmeter; April 4, 1932; pp. 430-438.
	CK	GUNN, ROSS; Principles of a New Portable Electrometer; April 15, 1932; pp. 307-313; Vol. 40.
	CL	HARNWELL, G.P. and VAN VOORHIS, S.N.; An Electrostatic Generating Voltmeter; R.S.I.; October, 1933; pp. 540-541.
	CM	HENDERSON, JOSEPH E., GOSS, WILBUR H., ROSE, JOHN E.; The Use of the Rotary Voltmeter for Measurements up to 830 kilovolts; R.S.I.; March 1935; pp. 63-65; Vol. 6.
	CN	GUNN, ROSS; The Electricity of Rain and Thunderstorms; Terrestrial Magnetism & Atmospheric Electricity; 1935; pp. 79-106; Vol 40, No. 1.
	CO	VAN ATTA, L.C., NORTHRUP, D.L., VAN ATTA, C.M. and VAN DE GRAAFF, R.J.; The Design, Operation, and Performance of the Round Hill Electrostatic Generator; Physical Review; May 15, 1936; pp. 761-776; Vol. 49.

EXAM INIT.		<p style="text-align: center;"><b>PATENT DOCUMENTS</b></p> <p style="text-align: center;">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
CP		MACKY, W.A.; The Measurement of Normal Atmospheric-Electric Potential-Gradients Using a Valve-Electrometer; Terrestrial Magnetism and Atmospheric Electricity; March, 1937; pp. 77-86; Vol 42, No. 1.
CQ		WORKMAN, E.J. and HOLZER, R.E.; A Recording Generating Voltmeter for the Study of Atmospheric Electricity; R.S.I.; May, 1939; pp. 160-163; Vol 10.
CR		GUNN, ROSS; The Electrical Charge on Precipitation at Various Altitudes and its Relation to Thunderstorms; Physical Review; February 1, 1947; pp. 181-186; Vol. 71, No. 3.
CS		WADDEL, R.C.; An Electric Field Meter for Use on Airplanes; The Review of Scientific Instruments; January, 1948; pp. 31-35; Vol. 19, No. 1.
CT		SIMPSON, G.C.; Atmospheric Electricity During Disturbed Weather; Terrestrial Magnetism and Atmospheric Electricity; March, 1948; pp. 27-33; Vol. 53, No. 1.
CU		MALAN, D.J., and SCHONLAND, B.F.J.; An Electrostatic Fluxmeter of Short Response-time for use in Studies of Transient Field-Changes; The Proceedings of The Physical Society, Section B; June 1, 1950; pp. 402-408; Vol. 63, Part 6, No. 366B.
CV		CHALMERS, J. ALAN; Negative Electric Field in Mist and Fog; Journal of Atmospheric and Terrestrial Physics; 1952; pp. 155-159; Vol. 2; Pergamon Press Ltd., London.
CW		CROSS, A.S.; Two Electrostatic Field-Meters; British Journal of Applied Physics; March, 1953; pp. S 47-S 50; Supplement No. 2.
CX		CHALMERS, J. ALAN; The Agrimeter for Continuous Recording of the Atmospheric Electric Field; Journal of Atmospheric and Terrestrial Physics; 1953; pp. 124-128; Vol. 4; Pergamon Press Ltd., London.
CY		SMITH, L.G.; An Electric Field Meter with Extended Frequency Range; The Review of Scientific Instruments; May, 1954; pp. 510-513; Vol. 25, No. 5.
CZ		MAPLESON, W.W. and WHITLOCK, W.S.; Apparatus for the Accurate and Continuous Measurement of the Earth's Electric Field; Journal of Atmospheric and Terrestrial Physics; 1955; pp. 61-72; Vol. 7; Pergamon Press Ltd., London.
DA		WHITLOCK, W.S. and CHALMERS, J. ALAN; Short-Period Variations in the Atmospheric Electric Potential Gradient; 1956; pp. 325-336.
DB		CLARK, JOHN F.; Airborne Measurement of Atmospheric Potential Gradient; Journal of Geophysical Research; December, 1957; pp. 617-628; Vol. 62, No. 4.
DC		JONES, O.C., MADDEVER, R.S. and SANDERS, J.H.; Radiosonde Measurement of Vertical Electrical Field and Polar Conductivity; Journal of Scientific Instruments; January, 1959; pp. 24-28; Vol 36.
DD		VONNEGUT, B.; MOORE, C.B. and HARRIS, C.K.; Agrimeter for Measurement of Atmospheric Electrical Potential Gradient; Journal of Meteorology; 1961; pp. 812-815; Vol. 18.
DE		COLLIN, H.L.; Sign Discrimination in Field Mills; Journal of Atmospheric and Terrestrial Physics; August, 1962; pp. 743-745; Vol. 24; Pergamon Press, London.
DF		WINN, WILLIAM P., and BYERLEY, L.G., III; Electric Field Growth in Thunderclouds; Quarterly Journal of the Royal Meteorological Society; October, 1975; pp. 979-994; Vol. 101, No. 430.
DG		THOMPSON, JAMES E.; KRISTIANSEN, M., and HAGLER, MARION O.; Optical Measurement of High Electric and Magnetic Field; IEEE Transactions on Instrumentation and Measurement; March, 1976; pp. 1-7; Vol. 25, No. 1.
DH		TOLAND, R.B. and VONNEGUT, B.; Measurement of Maximum Electric Field Intensities Over Water During Thunderstorms; Journal of Geophysical Research; January 20, 1977; pp. 438-440; Vol 82, No. 3.
DI		CUMMINGS, MARY R.; NICHOLSON, HOWARD W., JR. and PORTO, DEBORAH R.; Measurement of the Atmospheric Electrostatic Potential Gradient Near Sea Level; American Journal of Physics; December, 1981; pp. 1176-1180, Vol. 49, No. 12.
DJ		VOSTEEN, JAMES R. and VOSTEEN, WILLIAM E.; The Feedback Vibrating Capacitor Fieldmeter; 1991; pp. 103.1 - 103.13.
DK		MALAN, D.J.; Experimental Methods of Measuring the Potential Gradients of Thunderclouds; Physics of Lightning; pp. 37-104; The English Universities Press, Ltd., London.

EXAM INIT.	<h2 style="text-align: center;">PATENT DOCUMENTS</h2> <p style="text-align: center;">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>	
DL		GOTO, MIYOJI; A Newly Designed Differential Electrometer and its Application to the Simultaneous Measurement of Air Earth Current and Potential Gradient; pp. 22-23.
	DM	WILSON, C.T.R.; On the Ionisation of Atmospheric Air; 1901; pp. 151-161.
	DN	RUST, W. DAVID and MACGORMAN, DONALD R.; Techniques for Measuring Electrical Parameters of Thunderstorms; Instruments and Techniques for Thunderstorm Observation and Analysis; pp. 91-244.
	DO	NELSON, B.N.; MENZEL, C., and DIGIUSEPPE, T.G.; A Fiber-Optic Electric Field Sensor for Lightning Research.
	DP	Mission Instruments Co., Presents the EFS 1000 Field Mill.
	DQ	Lightning Detector Type VSL 1.
	DR	Atmospheric Research Systems, Inc.; Electric Field Mill.
	DS	Atmospheric Research Systems, Inc.; Electric Field Mill Network.
	DT	Monroe Electronics, Inc.; Reference Supply/Pulse Generator; Model 241.
<b>Non Patent Documents:</b> <sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.		
Examiner Signature:		Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant. **Place of Publication refers to name of publication in which the information was published.		